

Appl. No. : 10/768,200  
Filed : January 30, 2004

### AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of ~~treating~~ reducing body weight in an overweight or obese mammal, said method comprising:  
administering at least once daily to the overweight or obese mammal a pharmaceutical composition;  
wherein said pharmaceutical composition comprises:  
a zinc cation and an anion, ~~wherein said zinc cation ranges from about 0.01 to about 1.4 mg/kg/day, and~~  
~~about 0.007 to about 1.4 mg/kg/day of cyclo-Hispro~~  
wherein said zinc cation is administered to the mammal in an amount from about 0.01 to about 1.4 mg/kg/day; and  
wherein the cyclo-Hispro is administered to the mammal in an amount from about 0.007 to about 1.4 mg/kg/day.
2. (Currently Amended) The method of Claim 1 wherein said cyclo-Hispro ~~ranges is~~ administered to the mammal in an amount from about 0.1 to about 1 mg/kg/day.
3. (Currently Amended) The method of Claim 1 wherein said cyclo-Hispro ~~ranges is~~ administered to the mammal in an amount from about 0.007 to about 0.7 mg/kg/day.
4. (Currently Amended) The method of Claim 3 wherein said cyclo-Hispro ~~ranges is~~ administered to the mammal in an amount from about 0.07 to about 0.4 mg/kg/day.
5. (Currently Amended) The method of Claim 1 wherein said zinc cation ~~ranges is~~ administered to the mammal in an amount from about 0.07 to about 0.7 mg/kg/day.
6. (Currently Amended) The method of Claim 5 wherein said zinc cation ~~ranges is~~ administered to the mammal in an amount from about 0.1 to about 0.4 mg/kg/day.
7. (Currently Amended) The method of Claim 1 wherein said pharmaceutical composition further comprises L-histidine, wherein the L-histidine is administered to the mammal in an amount from about 0.001 to about 0.1 mg/kg/day L-histidine.
8. (Original) The method of Claim 1 wherein said pharmaceutical composition is administered two to four times daily.
9. (Original) The method of Claim 1 wherein said pharmaceutical composition is formulated into a food or food supplement.

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10. (Currently Amended) The method of Claim 1 wherein said mammal also has treatment is also for hypertension and/or high cholesterol, wherein administering said composition also controls said hypertension and/or high cholesterol.

11. (Original) The method of Claim 1 wherein the cyclo-Hispro is obtained from a soybean protein hydrolysate enriched for cyclo-Hispro.

12. (Original) The method of Claim 11 wherein the hydrolysate has been prepared by a process comprising:

hydrolyzing soybean protein into soybean protein hydrolysate using either acid or alkaline hydrolysis; and

refluxing the soybean protein hydrolysate in the presence of an alcohol/carbonate mixture.

13. (Original) The method of Claim 12 wherein the alcohol/carbonate mixture is EtOH/KHCO<sub>3</sub>.

14. (Currently Amended) A method of ~~treating~~ reducing body weight in an overweight or obese mammal, said method comprising:

administering at least once daily to the overweight or obese mammal a pharmaceutical composition;

wherein said pharmaceutical composition comprises

a zinc cation and anion, ~~wherein said zinc cation ranges from about 0.01 to about 1.4 mg/kg/day;~~ and

~~about 0.01 to about 14 mg/kg/day of arachidonic acid~~

wherein said zinc cation is administered to the mammal in an amount from about 0.01 to about 1.4 mg/kg/day; and

wherein said arachidonic acid is administered to the mammal in an amount from about 0.01 to about 14 mg/kg/day.

15. (Currently Amended) The method of Claim 14 wherein said arachidonic acid ~~ranges~~ is administered to the mammal in an amount from about 0.14 to about 10 mg/kg/day.

16. (Currently Amended) The method of Claim 15 wherein said arachidonic acid ~~ranges~~ is administered to the mammal in an amount from 0.3 to about 6 mg/kg/day.

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17. (Currently Amended) The method of Claim 16 wherein said arachidonic acid ~~ranges~~ is administered to the mammal in an amount from about 0.7 to about 4.3 mg/kg/day.

18. (Currently Amended) The method of Claim 17 wherein said arachidonic acid is administered to the mammal in an amount of about 1.7 mg/kg/day.

19. (Currently Amended) The method of Claim 14 wherein said zinc cation ~~ranges~~ is administered to the mammal in an amount from about 0.07 to about 0.7 mg/kg/day.

20. (Currently Amended) The method of Claim 14 wherein said pharmaceutical composition further comprises L-histidine, wherein the L-histidine is administed in an amount from about 0.001 to about 0.1 mg/kg/day L-histidine.

21. (Currently Amended) The method of Claim 14, wherein said mammal also has treatment is also for hypertension and/or high cholesterol, wherein administering said composition also controls said hypertension and/or high cholesterol

22. (Original) The method of Claim 14 wherein said pharmaceutical composition is administered two to four times daily.

23. (Original) The method of Claim 14 wherein said pharmaceutical composition is formulated into a food or food supplement.

24. (New) The method of Claim 14 wherein said zinc cation is administered to the mammal in an amount from about 0.1 to about 0.4 mg/kg/day.